

19981028.ba v02_n279.bam.981028

>From ???@??? Thu Oct 29 03:51:16 1998
Message-Id: <199810282253.QAA02636@sco.theporch.com>
Date: Wed, 28 Oct 1998 16:52:57 CST
Subject: BOATANCHORS digest 2279

BOATANCHORS Digest 2279

Topics covered in this issue include:

- 1) Re: 3ABP2 ident????
by John R Bookout K7JB <k7jb@uswest.net>
- 2) RE: R-901 Receiver Info Request
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- 3) BA Spots in Southern Germany
by "McIntosh, Stanley A. (Stan)" <mcintos@basf-corp.com>
- 4) BA Spots in Hawaii
by "P. J. Rovero" <provero@connix.com>
- 5) -* EB5AGV BA Shack Design Contest *-
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 6) Hi voltage rectifier
by philip mccooy <dgnova@erols.com>
- 7) FS: TEK CATALOG
by Maurice Weinschenker <morry@ix.netcom.com>
- 8) Re T-78D46 specs
by philip mccooy <dgnova@erols.com>
- 9) FS: SCR808 AND 828 MAN
by Maurice Weinschenker <morry@ix.netcom.com>
- 10) FS: HC-10 MAN
by Maurice Weinschenker <morry@ix.netcom.com>
- 11) 10 meter activity
by cswiger <cswiger@wilma.widomaker.com>
- 12) Re: BA Spots in Southern Germany
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 13) RE: 10 meter activity
by Ed Sieb <esieb@gmsiworld.com>
- 14) Western Union clock batteries
by "Ken Kinderman" <bc455@hotmail.com>
- 15) ADMINISTRIVIA: Posting Admin Requests
by listown@jackatak.theporch.com (Mail List Owner)
- 16) Re: 10 meter activity
by Al Parker <anchor@coastalnet.com>
- 17) Re: Western Union clock batteries
by Bob Roehrig <broehrig@admin.aurora.edu>
- 18) WTB: CX-2919/U
by Lenox Carruth <carruth@geo-thermal.com>
- 19) MANUALS FS

by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
20) RADIO RECEIVER PART OF BC 654-A FOR SALE
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
21) R-390A Advice Needed
by George Humphrey <gah@koyote.com>
22) Re: Western Union clock batteries
by Bill Riches <briches@bellatlantic.net>

Message-ID: <36369A86.E1293884@ptld.uswest.net>
Date: Tue, 27 Oct 1998 20:16:06 -0800
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 3ABP2 ident????
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hank:

Pete Keller lives in the town of Aloha Oregon. His phone number is in the phone directory. However, the address is not given.

John

Henry van Cleef wrote:

>
> As Marty's Refl. Drop discourses
> >
> >
> > Hank hi,
> >
> > This's a 3" cylindrical Dumont CRT with micanol duodecal (20 pin ala
> > 5CP1) base. Obvious fil. is pins 1 & 20, not obvious is it's 6.3V
> >
> > Also not obvious is that it's evacuated OK. Glass 'patches' above metal
> > getters only show 'glass heat effect,' no getter flash. That example was
> > defective but no, no smoke when heater(s) lit. A Techtronics buff sed
> > not to jump to conclusions on getter flash & he was right.
> >
> > So same Tech buff, one Bob Garcia who I bet you know, couldn't id the
> > tube either.
>
> Can't say I recognize the CRT or Bob Garcia. However, if the heater
> works, and the screen looks OK, worth plugging the thing in and giving
> it a try.
>

> Allen B. Dumont Laboratories was into CRT and similar device
> manufacture in the thirties, and were about the best quality shop for
> these devices by 1950.
>
> The guy who would know about these CRT's would be the CRT
> engineer-historian, Peter Keller, who was at Tektronix (that's the
> company name) in Oregon for some years. Don't know where he is now.
>
> >
> > So Hank just t were these 'sons of (2) guns' used for? Just in case
> > these have missed ur eyes too, I copied the reflector.
> >
> > Note they're -yes there's two- code dated 238 (38th week '52)
> >
> Dumont made a dual-beam scope in the early fifties. I don't remember
> much about it (specs, performance, etc.)
>
> > Of course at least one of these NIB examples is available for trade.
> > And as a fer instance Hank, I'll trade for a manual copy on that LFE
> > HRO-PW-dialed delayed triggered scope I still have.
>
> I don't think I ever saw a manual for one of these. I'm not sure I
> ever used one, either, but do remember seeing them around. My own
> experience moved directly from the P4E-2 amplified synchroscope and
> Millen 90952 2-inch synchroscope to the Tek 511, and then to the 545.
> You have to remember that I didn't "turn pro" as a design engineer
> until 1956, when Tek scopes were about the only real act, already.
> >
> > I think u or Stan sed LFE was the east-coast contender for the 531 & up
> > business. They intro'd delayed triggered sweep technology but
> > sure lost the quality & marketing bouts.
>
> I probably talked about LFE because I worked for them for about a year
> (1957-8), but not on test equipment. By that time, they were out of
> the scope business, and had lost their shirts on whirling drum
> computer memories, and were doing a doppler navigation radar system
> for the F-105. I do know something of Laboratory for Electronics
> history, although I think it was in its third generation (only 10
> years old) at the time I was there. Their original scope, like the
> Tek 511, was a derivative of the RF envelope detector and
> synchscopes that came out of the Harvard (not MIT) radiation lab.
>
> "Synchscopes" (vs. "Cathode-Ray-Oscillographs" or "Oscilloscopes")
> used a free-running clamp tube sweep that had some claim to linearity,
> and synchronized the circuit under test with a pulse waveform that
> coincided with sweep start out of the front panel. So far as
> "bandpass" in the vertical goes, the plain synchroscope had direct
> connection to the CRT plates, and might show you 5 Mhz at 50 volts to

> the inch of deflection and plenty of susceptance across those plates,
> which meant you had to have real power to drive them. The "E" model
> had an acorn tube amplifier and the biggest pi-wound peaking coil I
> ever saw to get something like 2 Mhz. onto the screen.
> >
> Tek's big "contribution" was that they did not rely on
> "college-trained" engineers, but did their own in-house training,
> based on modern physics and a sound knowledge of Clerk-Maxwell's work
> for circuit analysis. You can see the rudiments of the Tek approach
> to EE in Zworykin's 1939 book on television, and it was developed to a
> great extent in WWII, but the streets were still full of EE's who
> thought of transmission line cables as "lumped constants" and
> "capacitance to drive" rather than things having a characteristic
> impedance and E-H transfer down the line. That sort of criticism may
> be getting exotic for "amateur experimenters," but I recall only a
> year or so ago lamenting with an MIT EE professor that electricity and
> magnetism in terms of "Maxwell's equations" are still "graduate level"
> in most places.
>
> > Thanks Hank, thanks anyone else.
> >
> > Marty
> >
> >
> > ...btw Hank - have you seen the late WW2 BC1060 scope? Looks triggered!
> >
> Not familiar with it. However, the clamp tube sweep used in the P4
> could be set up to require a trigger (change in gate multivibrator
> biasing), and the 511 had such a setup with a trigger amplifier to
> kick things off. The "Miller Integrator" (actually, an op amp) use by
> Tek from the mid-fifties on is a somewhat different setup, but still
> is gated by a triggerable multivibrator.
>
> Scopes from the thirties and forties generally used a free-running
> relaxation oscillator with a thyratron (884 very common) to discharge
> the sweep integration capacitor. To set up triggering, you have to
> also provide for a trigger hold-off, to allow the sweep to run back
> down (i.e., integration capacitor to charge back to initial point).
> The idea of starting the sweep with some event provided by the circuit
> under test, vs. synchronizing it as a free-running oscillation was an
> idea that took a long time to take hold, and required some new
> learning on how to operate the scope.
> --
> =====
> Hank van Cleef
> =====

--

Best 73's
John K7JB

E-Mail: k7jb@ptld.uswest.net
Packet: K7JB @ K7JB.nwor.or.usa.na
HARDWARE:

Collins S-Line:
32S-3A S/N 30801
75S-3C S/N 30644
312B-4 S/N
3011 S/N
75A4 S/N 5445

Home Brew:
4-1000A Amplifier S/N 1

Military:
R-390/URR COLLINS S/N 4651
R-390A/URR EAC S/N 1475
R-390A/URR Imperial S/N 2168
CV-157/URR SSB ADAPTER S/N 40

Hammarlund:
SP-600-JX-17 S/N 20338 Diversity

Message-Id: <199810280427.WAA28489@sco.theporch.com>
Date: Tue, 27 Oct 1998 23:31:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Glenn Finerman <glennfin@mjet.com>
Subject: RE: R-901 Receiver Info Request
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, aren't you the lucky fellow Russ! The R901 has been on my want list ever since I got to play with one at my friends house. I've been trying to talk him into selling me his but he hasn't cracked yet!! <grin>

He mentioned the tubes (small mini "flat" tubes), used to be very expensive, but recently they've gotten very affordable (a Govt release of a zillion perhaps?) He says he got his from Fair Radio back sometime in the 80's.

I wonder how many were produced? No mention on any of the Mil radio web pages...(Tom?)

>Over the weekend, I picked up a R-901/GR receiver. Never saw one before.
>Covers 536 Kc to 20.5 Mc in 5 bands, uses 11 subminiature tubes and is
>designed to run off battery power of 1.5 v and 45 v. or 28 volts with an
>internal power supply.

73.....Glenn Finerman K2KL

Owner / Operator of the K2KL 10 meter Beacon
on 28.218 (PSE QSL!!!)

Message-Id: <199810281255.GAA13824@sco.theporch.com>
From: "McIntosh, Stanley A. (Stan)" <mcintos@basf-corp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA Spots in Southern Germany
Date: Wed, 28 Oct 1998 07:50:00 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In a week or so, I will be in Southern-Germany on business, and might
have a slice of time to look around. *IF* I end up with a half day or
so of time, it might be fun to look for a (small, shippable) BA. Anyone
know of BA-Spots in the area?

thanks,
sam mcintosh
mcintos@basf.com

Date: Wed, 28 Oct 1998 08:06:47 -0500 (EST)
From: "P. J. Rovero" <provero@connix.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA Spots in Hawaii
Message-ID: <Pine.BSI.3.95.981028080516.28507A-100000@comet.connix.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Have to go out to Hawaii (Oahu) on a short business
trip 8-11 November, looking for BA diversions to
keep me out of the bars.....

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D

Curmudgeon at Large

web: <http://www.connix.com/~provero/>

Message-Id: <3.0.1.32.19981028145437.007d3670@192.168.0.1>

Date: Wed, 28 Oct 1998 14:54:37 +0100

To: Old Tube Radios <boatanchors@theporch.com>

From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>

Subject: -* EB5AGV BA Shack Design Contest *-

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi gang,

Curious about the subject of this message ;-)?. Keep reading...

I'm going to start a big work in my future family home, adding a new floor and rebuilding the rest... As a (nice) consequence, I will have a new, bigger BA shack (about 14 sq meters, in the upper floor, just about 15 meters from the antenna tower and with a nice forest view :-). As I will start from scratch (i.e. just four walls, a window and a door), I would like some help with ideas about how to distribute the basic elements inside (workbench, computers, _boatanchors_ , ...), how to arrange the power distribution, how to route the antenna wires, how to protect my equipment from lightning and any other interesting thing for a shack design. I'm sure I'll miss something if I don't ask for help!. Your experience will be really useful for me.

If you think you can help me (and this could be fun for you), I'll put a plan of the future shack in my WEB page, with real dimensions, along with a list of the basic gear I plan to put there.

And yes, if this is a Contest there should be a prize. In this case, it will go to the name selected from a hat by my 15 months old daughter ;-). I do this (the Contest) just for fun, so don't expect a big BA as a prize... But I'm SURE all of you will like it!.

Thanks and best regards.

JOSE

73 EB5AGV / EC5AAU
JOSE V. GAVILA
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

** VISIT MY VINTAGE RADIO SITE - updated 25-October-1998 **
<http://www.geocities.com/SiliconValley/6992/>

Message-ID: <363607A5.15D6@erols.com>
Date: Tue, 27 Oct 1998 09:49:25 -0800
From: philip mccoey <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hi voltage rectifier
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you looking for solid state high voltage rectifiers, Mouser has these with PRV of 10000, 14000 and 16000.

Message-ID: <36372FC9.BE0EA522@ix.netcom.com>
Date: Wed, 28 Oct 1998 09:52:58 -0500
From: Maurice Weinschenker <morry@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: TEK CATALOG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS TEKTRONIX CAT NO. 24 MID 1965 MID 1966
12.00 INCLUDES SHIPPING
BEST 73 MORRY K3DPJ

Message-ID: <36360941.6E4A@erols.com>
Date: Tue, 27 Oct 1998 09:56:17 -0800
From: philip mccoey <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re T-78D46 specs
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone asked for specs on above transformer.
>From Thordarson catalog 400-C year 1938

T-78D46 is a Driver Transformer
Pri 20,000 ohms
1/2 Sec 3,500 ohms
Pri ma 7
Ratio Pri. to 1/2 Sec 2.4:1
Class B
Driver Tubes 1 type 30

Output tubes 1 type 1J6,19 or 2 type 30s
List price \$1.50

Message-ID: <363733FD.EFE52BD3@ix.netcom.com>
Date: Wed, 28 Oct 1998 10:10:53 -0500
From: Maurice Weinschenker <morry@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: SCR808 AND 828 MAN
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS LN TM11-601 TECH MANUAL. THIS FOR SCR-808A AND 828-A
RADIOS. BC-923 AND BC 924
18.00 INCLUDING SHIPPING
BEST 73 MORRY K3DPJ

Message-ID: <36373450.292EFEAF@ix.netcom.com>
Date: Wed, 28 Oct 1998 10:12:17 -0500
From: Maurice Weinschenker <morry@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: HC-10 MAN
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS HAMMARLUND HC-10 MANUAL LN
15.00 INCLUDES SHIPPING
BEST 73 MORRY K3DPJ

Date: Wed, 28 Oct 1998 10:59:17 -0500 (EST)
From: cswiger <cswiger@wilma.widomaker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 10 meter activity
Message-ID: <Pine.BSF.3.96.981028105356.5127A-1000000@wilma.widomaker.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ladies and Gentlemen:

Quick question:

A Gonset GSB-201 Mk IV amp works great on 40 and 20
meter wavelengths. Plate current dips right on max power out,
has given hours of satisfactory use.

I just noticed that on the 10 meter waveband the amp exhibits the untoward behavior of PEAKING the plate current on max power out, even into a dummy load, with no discernible 'dip' anywhere in the 360 degrees of the tuning cap range. Also it starts to emit an odor often associated with a part about to let all the smoke out. The plate current at the 'peak' is no more than normal on the other bands, about 375 mils. Any experience with this? Thought I'd ask before plugging in the trouble-shootin' iron. Nothing special mentioned about 10 meters in the manual either.

BTW - a SD (near Mt. Rushmore) station was audible for much of the afternoon here in Norfolk VA area on 29,215 kc AM, Sat. 10/24, working other east coast stations that were not audible.

Chuck
kb4new
cswiger@widomaker.com

Message-Id: <199810281636.RAA28803@inet.uni2.dk>
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA Spots in Southern Germany
Date: Wed, 28 Oct 1998 17:35:23 +0100
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

: In a week or so, I will be in Southern-Germany on business, and might
: have a slice of time to look around. *IF* I end up with a half day or
: so of time, it might be fun to look for a (small, shippable) BA. Anyone
: know of BA-Spots in the area?
:

Try Helmut Singer Elektronik
 Feldchen 16-24
 D 52070 Aachen

Tel 0241-15 53 15

They are the closest thing to Fair Radio in Europe I believe.

73 Rag OZ8R0

Rag Otterstad OZ8R0 Copenhagen suburb: Birkerod
Also JW5HE LA5HE. Previously held : G5BHQ HB9XCG

Collector of W.W.2 German military radio sets, clandestine sets all
periods, cipher equipment.

Adress: Hosterkobvej 10. DK 3460 Birkerod, Denmark

Tel : ++45-4281 5205 evenings. ++45-4497 3366 daytime.

I work for MEC A/S, manufacturer of high quality and good looking
pushbutton switches.
If you are designing electronics equipment and have an interest in switches
please check the homepage at :
[HTTP://WWW.MEC.DK](http://WWW.MEC.DK)

To know more about my ham radio background try my personal homepage :
[HTTP://WWW.WEBSPAWNER.COM/USERS/OZ8R0/](http://WWW.WEBSPAWNER.COM/USERS/OZ8R0/)

Message-ID: <01BE0268.ABA193E0@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 10 meter activity
Date: Wed, 28 Oct 1998 11:46:54 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hi Chuck.

I had a Hammond HL-500 which ran four 811A's. The amp ran great on all =
bands but I had to be careful on 10 - it did the same trick you does!
First - check your parasitic chokes (those chokes wound on a resistor, =
typically 47 ohms, in series with the plate caps). Are they burning up? =
If so, check also the RF plate choke between the B+ and the final tubes =
plates - any hot spots, or signs of burning/arcing? If both answers =
are yes - then you have a VHF/UHF parasitic. I cured mine by adding =
about 15 extra turns to my RF choke. If only the RF choke is burning, =
then somehow the choke has developed an odd reactance on 10 meters and =
is dumping your power into that unknown X. (So to speak).

Good luck.

Ed, VA3ES

Message-ID: <19981028171025.19777.qmail@hotmail.com>
From: "Ken Kinderman" <bc455@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Western Union clock batteries
Content-Type: text/plain
Date: Wed, 28 Oct 1998 09:10:21 PST

>

>Jay H. Miller wrote:

>> Question is, anybody know off hand the current rating of the old dry cell vs. how many "D" cells in parallel it would take to match the capacity?

>Scott Robinson <spr@earthlink.net> wrote:

>If I recall correctly, old NO. 6 dry cells were about 10
>ampere-hours...and the good news is that current alkaline D cells
>are also about 10 AH.

Hello all,

My Western Union clock rewinds about every 2 hours. Does anyone else know what the rewind cycle is? At WPAT in New York we had at least 4 of them, all running within 2 seconds per hour. Mine is still that accurate, but it's in my office over a heating duct, so we'll see thew long term stabilty

I am using 4 D cells in series-parallel. It has been running for 3 months now, and still OK... no-load voltage is still almost 3 Volts.

By the way, the red bulb that lights on the hour is rated at 2.5 V.

Would still like to hear from anyone who has put together a WWV reset circuit... I am too old to be re-inventing any more wheels.

73,

Ken Kinderman
WB9OZR
bc455@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Message-Id: <199810281715.LAA12552@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Posting Admin Requests
Date: Wed, 28 Oct 98 11:15:01 CST

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"
Wed Oct 28 11:15:00 CST 1998

Message-Id: <3.0.5.32.19981028132946.00825210@mail1.coastalnet.com>
Date: Wed, 28 Oct 1998 13:29:46 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: 10 meter activity
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed's answer is well thought out, I'd add only that you should check neutralization.

Yes, 10m is getting open - right now, 13:30 EST, I hear N7LT, Montana, beacon on 28,247.5, abt s-3, hear on the east coast of NC.

73,

73,
Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Date: Wed, 28 Oct 1998 12:26:21 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Western Union clock batteries
Message-ID: <Pine.ULT.3.96.981028122339.13861A-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Oct 1998, Ken Kinderman wrote:

> My Western Union clock rewinds about every 2 hours.

Mine winds itself twice an hour. Wonder what the diff is.....

> Would still like to hear from anyone who has put together a WWV reset
> circuit... I am too old to be re-inventing any more wheels.

You could detect the on-the-hour 1000 Hz beep from WWV. In keeping with the boatanchor tradition, you might look for (or make a copy of) one of the old Motorola single tone decoders.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-ID: <3637774C.6F87DCB8@geo-thermal.com>
Date: Wed, 28 Oct 1998 13:58:05 -0600
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: "Carruth, Lenox" <Carruth@geo-thermal.com>
Subject: WTB: CX-2919/U
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for a CX-2919/U Test Lead for my URM-25F. Anyone got any ideas where I might find one?

--

Lenox

Lenox Carruth Dallas, TX carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TCS-14 Transmitter, TBX, BD-71, Sextant

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Wed, 28 Oct 1998 16:54:10 -0500 (EST)
Subject: MANUALS FS
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9810281654.aa22185@pcusa01.ecunet.org>

More manuals...

21. "Single Sideband for the Radio Amateur", ARRL, 1954, 176 p., some ads in back, softcover, cover F, inside G. 1st edition of this manual. \$7.

22. "The Mobile Manual for the Radio Amateur", ARRL, 1955, 352 p., ads in back, cover F, inside G. 1st edition of this manual. \$8.

23. "Single Sideband Techniques", Brown, (CQ Technical Series, Ferrell, ed.), Cowan Pub, 1954, 112 p., some ads. G. \$7.

-John Sehring (5:25 pm Tue, Oct 27, 1998 at Custer, SD USA) ucc wb2eqg

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Wed, 28 Oct 1998 16:54:10 -0500 (EST)
Subject: RADIO RECEIVER PART OF BC 654-A FOR SALE
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9810281654.aa22190@pcusa01.ecunet.org>

For Sale--

Radio Receiver part of BC 654-A.

Covers 3750-5300 kHz, 455 kHz superhet. Dusty on top, overall condition almost good, no corrosion; front panel looks good. Panel stamped "SC 4551 A" in red, serial #52976. Some electrical mods, 4 toggle switches & 1 pot added to front panel, some wires snipped below chassis. Volume control appears non-stock. No tuning knob but dial lock knob included. Tuning mechanism & VC work FB. No tubes. I have not tested this radio.
\$20 plus shipping.

-John Sehring (5:32 pm Tue, Oct 27, 1998 at Custer, SD USA) ucc wb2eqg

Message-Id: <3.0.6.32.19981028165030.00832e00@mail.koyote.com>
Date: Wed, 28 Oct 1998 16:50:30 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: George Humphrey <gah@koyote.com>
Subject: R-390A Advice Needed
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Baers,

I have lusted after a R-390A for a couple of years now, and finally have the \$\$\$ togather to buy one, however I am heistent due to not being able to listen to SSB. I am using a Heath SB-301 now and don't hear a lot of AM, so I am wondering if there is sufficient ham traffic to justify the R-390A purchase.

I am nearing the test time to upgrade to General, and will be using CW and

know that the R-390A would be great for that purpose. Any sage advice would be appreciated. I also have a Heath SB-401 Transmitter I will start using when I upgrade. Would a R-390A be a dead end for CW only at this time or is AM alive and my SB-301 just doesn't pull it in?

gah@koyote.com
73 George KC5WBV

Message-ID: <3637A5E7.73575F17@bellatlantic.net>
Date: Wed, 28 Oct 1998 18:16:56 -0500
From: Bill Riches <briches@bellatlantic.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Western Union clock batteries
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ken Kinderman wrote:

> >
> >Jay H. Miller wrote:
>
> >> Question is, anybody know off hand the current rating of the old dry
> cell vs. how many "D" cells in parallel it would take to match the
> capacity?

My clock winds itself every hour. The winding motor pulls 200 ma when winding.

I purchased the clock from Compas Electronics in Patterson, NJ about a month ago. Was in fair cosmetic shape with no broken glass or bends in the metal case.

Inside was fairly clean considering the clock had been made in the early 40's. No battery leakage!!

I took clockworks to pieces, cleaned and re-oiled using watch oil. No oil on gears with the exception of a drop or two on the winding motor ratchets and a drop on three of the escapement wheel teeth. The bushings all got a drop and give the mainspring a shot. Again - no oil on gear teeth.

Put together and it worked!! Bushing wear is excessive - on the front plate most are ovals - escapemeent shaft moves sideways almost 1/16 of an inch. Unit was designed for wear - keeps on ticking and takes a licking!

I am powering the clock with 2 D cells in a RS-270-386A dual d cell plastic battery holder. This holder will fit into one of the existing battery holders. Be sure to put some tape on the battery holder bottom so these contacts wont short out on the existing metal holder.

I haven't checked accuracy yet as I have the unit bolted to the side of my work bench with no face or hands on it. I wanted to make sure the unit would keep running for a month or so before adjusting. Also fun to watch gears and stuff work - Some piece of workmanship considering it was designed in 1891.

Do a search on Internet - selfwinding clock company and western union and you will find all sorts of neat info.

Any other feedback would be appreciated.

73,

Bill Riches, WA2DVU
Cape May, NJ

End of BOATANCHORS Digest 2279
